

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---|------------------------|------------------|---------|------------------|
| L3 | 100592 | (slit\$5 or slot\$5) same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/23 09:20 |
| L4 | 147327 | (rocket\$5 or jet\$5 near3 engine\$2 or aircraft\$5 or boat\$2) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:21 |
| L5 | 33290 | (slit\$5 or slot\$5 or S) same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:21 |
| L6 | 512 | s-shape\$5 with (hole\$2 or orifice\$2 or opening\$3) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 10:03 |
| L7 | 624 | 4 and 5 | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:21 |
| L8 | 10320 | (slit\$5 or slot\$5) same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:22 |
| L9 | 187 | 8 and 4 | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:22 |
| L10 | 12288 | s with (slit\$5 or slot\$5) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:32 |
| L11 | 90 | (6 or 10) and 4 | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:33 |
| L12 | 84 | 11 not 9 | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:33 |
| L13 | 85 | s-shape\$5 near2 (hole\$2 or orifice\$2 or opening\$3 or nozzle\$2) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 09:50 |
| L14 | 263 | s-shape\$5 near2 (hole\$2 or orifice\$2 or opening\$3 or nozzle\$2) | USPAT; USOCR | OR | OFF | 2005/06/23 10:00 |
| L15 | 42 | s-shape\$5 near2 (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | USPAT; USOCR | OR | OFF | 2005/06/23 09:58 |
| L16 | 41 | 15 not 14 | USPAT; USOCR | OR | OFF | 2005/06/23 09:59 |
| L17 | 654 | s adj0 shape\$5 with (hole\$2 or orifice\$2 or opening\$3) | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 10:00 |
| L18 | 4207488 | s adj0 shape\$5 near2 (hole\$2 or orifice\$2 or opening\$3 or nozzle\$2) | USPAT; USOCR | OR | OFF | 2005/06/23 10:01 |
| L19 | 213203 | (s adj0 shape\$5) near2 (hole\$2 or orifice\$2 or opening\$3 or nozzle\$2) | USPAT; USOCR | OR | OFF | 2005/06/23 10:09 |
| L20 | 369868 | "60"/\$.ccls. or "239"/\$.ccls. or "244"/\$.ccls. or "440"/\$.ccls. or "123"/\$.ccls. | USPAT; USOCR | OR | OFF | 2005/06/23 10:02 |
| L21 | 13915 | 19 and 20 | USPAT; USOCR | OR | OFF | 2005/06/23 10:10 |
| L22 | 142 | 17 not 6 | EPO; JPO; DERWENT | OR | OFF | 2005/06/23 10:03 |

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| L23 | 284969 | (s adj0 shape\$5) near2 (hole\$2 or orifice\$2 or opening\$3 or slit\$2 or slot\$2) | USPAT; USOCR | OR | OFF | 2005/06/23 10:06 |
| L25 | 35970 | (s adj0 shape\$5) near2 (hole\$2 or orifice\$2 or opening\$3 or slit\$2 or slot\$2) same (exhaust\$5 or nozzle\$2 or exit\$2 or outlet\$5 or effluent\$2) | USPAT; USOCR | OR | OFF | 2005/06/23 10:07 |
| L26 | 5464 | 25 and 20 | USPAT; USOCR | OR | OFF | 2005/06/23 10:09 |
| L27 | 368 | ("s" near0 shape\$5) near2 (hole\$2 or orifice\$2 or opening\$3 or nozzle\$2) | USPAT; USOCR | OR | OFF | 2005/06/23 10:10 |
| L28 | 26 | 27 and 20 | USPAT; USOCR | OR | OFF | 2005/06/23 10:11 |
| S2 | 23 | ("2420323" "2928238" "200200490 10" "3087303" "3285262" "3350886" "3581995" "3610556" "3635404" "3640469" "3802376" "4034696" "4063685" "4432736" "4643374" "5170964" "5735115" "6159059" "6279499" "6299494" "6332816" "6371407" "6382559").PN. | US-PGPUB; USPAT | OR | OFF | 2005/06/22 13:18 |
| S3 | 3510 | (239/265.11-265.43).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:18 |
| S4 | 926 | (60/770-771).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:19 |
| S6 | 4272 | slit\$5 same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | USPAT | OR | OFF | 2005/06/22 13:30 |
| S7 | 4 | S4 and S6 | USPAT | OR | OFF | 2005/06/22 13:20 |
| S8 | 10 | ("2589548" "2934894" "3034294" "3424383" "3443757").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:22 |
| S9 | 2 | ("3656302").URPN. | USPAT | OR | OFF | 2005/06/22 13:23 |
| S10 | 7 | ("3443757").URPN. | USPAT | OR | OFF | 2005/06/22 13:24 |
| S11 | 1 | ("3424383").URPN. | USPAT | OR | OFF | 2005/06/22 13:25 |
| S12 | 3 | ("2934894").URPN. | USPAT | OR | OFF | 2005/06/22 13:25 |
| S13 | 335844 | slit\$5 or (exhaust\$5 or effluent\$5) same (helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:26 |
| S14 | 178 | S13 and S3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:27 |
| S15 | 147 | S14 not S4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:27 |

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| S17 | 267041 | (slit\$5 or slot\$5 or S) same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:14 |
| S18 | 807 | S17 and S3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:39 |
| S19 | 700 | S18 not (S14 or S7) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:41 |
| S20 | 100571 | (slit\$5 or slot\$5) same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:41 |
| S21 | 360 | S20 and S3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:18 |
| S22 | 296 | S21 not (S14 or S7) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 13:42 |
| S23 | 5611 | (S near3 (shap\$5 or nozzle\$2)) same (exhaust\$5 or helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:15 |
| S24 | 148 | S23 and S3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:15 |
| S25 | 90 | S24 not (S14 or S21) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:16 |
| S26 | 86 | S20 and S4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:23 |
| S27 | 40 | S23 and S4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:26 |
| S28 | 17661 | "440"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:26 |
| S29 | 304 | S28 and S20 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:38 |
| S30 | 6467 | (rocket\$5 or jet\$5 near3 engine\$2 or aircraft\$5) and S20 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/23 09:19 |
| S31 | 2888 | (rocket\$5 or jet\$5 near3 engine\$2 or aircraft\$5) same S20 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:40 |
| S32 | 5972 | (slit\$5 or slot\$5) same (exhaust\$5 or nozzle\$3) same (helic\$5 or swirl\$5 or vortex\$5 or vortic\$5) | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:43 |

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| S34 | 678 | (rocket\$5 or jet\$5 near3 engine\$2 or aircraft\$5) and S32 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:46 |
| S35 | 14 | ("1493280" "2973922" "3027713" "3288377" "3428257" "3730292" "4311291" "D190373").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/06/22 14:49 |
| S36 | 2 | ("4645140").URPN. | USPAT | OR | OFF | 2005/06/22 15:09 |
| S37 | 10 | S35 or S36 | USPAT | OR | OFF | 2005/06/22 15:09 |
| S38 | 9 | ("3428257").URPN. | USPAT | OR | OFF | 2005/06/22 15:14 |
| S39 | 7 | ((("2546293") or ("2681547") or ("2886262") or ("2933891") or ("3137131") or ("3260049") or ("3327480"))).PN. | USPAT | OR | OFF | 2005/06/22 15:14 |
| S40 | 5 | ("2546293").URPN. | USPAT | OR | OFF | 2005/06/22 15:16 |
| S41 | 8 | "134469" | USPAT | OR | OFF | 2005/06/22 15:16 |
| S42 | 6 | "296172" | USPAT | OR | OFF | 2005/06/22 15:16 |
| S43 | 18 | "577362" | USPAT | OR | OFF | 2005/06/22 15:16 |
| S44 | 4 | "1363967" | USPAT | OR | OFF | 2005/06/22 15:17 |
| S45 | 2 | "1852649" | USPAT | OR | OFF | 2005/06/22 15:17 |
| S46 | 14 | "1865012" | USPAT | OR | OFF | 2005/06/22 15:17 |
| S47 | 125 | s-shape\$5 with nozzle\$5 | USPAT | OR | OFF | 2005/06/22 15:57 |
| S48 | 1227 | s-shape\$5 with (hole\$2 or orifice\$2 or opening\$3) | USPAT | OR | OFF | 2005/06/22 15:58 |
| S49 | 361 | S48 and (engine\$2 or motor\$2) | USPAT | OR | OFF | 2005/06/22 15:58 |